

Storm Data and Unusual Weather Phenomena - March 2013

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
ARKANSAS, Central and North Central				
(AR-Z003) BOONE, (AR-Z012) NEWTON, (AR-Z021) JOHNSON, (AR-Z030) LOGAN, (AR-Z037) SCOTT, (AR-Z040) POLK				
	03/01/13 00:00 CST		0	Drought
	03/31/13 23:59 CST		0	
Rainfall during March helped to improve drought conditions over most of western Arkansas.				
WOODRUFF COUNTY --- 0.7 WSW RIVERSIDE [35.28, -91.24], 1.2 NNE CAVELL [35.27, -91.24], 1.0 SSW RIVERSIDE [35.27, -91.23], 0.3 SW RIVERSIDE [35.28, -91.23]				
	03/01/13 00:00 CST		1K	Flood (due to Heavy Rain)
	03/12/13 03:30 CST		0	Source: River/Stream Gage
Heavy rainfall in late February caused the Cache River at Patterson to stay above flood stage through March 12th.				
WOODRUFF COUNTY --- 2.7 WNW AUGUSTA [35.30, -91.41], 2.1 SW RUFFWOOD [35.25, -91.40], 1.0 SW NEW AUGUSTA [35.26, -91.36], 1.1 N AUGUSTA [35.30, -91.37]				
	03/01/13 00:00 CST		1K	Flood (due to Heavy Rain)
	03/06/13 18:00 CST		0	Source: River/Stream Gage
A series of heavy rain events towards the end of February caused the White River at Augusta to rise above flood stage during the beginning of March. The river crested at 27.99 feet on March 2nd.				
Heavy rainfall from late February kept parts of the Cache River and White River above flood stage from late February through the beginning of March.				
WOODRUFF COUNTY --- 0.7 WSW RIVERSIDE [35.28, -91.24], 1.1 NNE CAVELL [35.27, -91.24], 1.0 NNW PATTERSON [35.26, -91.24], 0.3 SW RIVERSIDE [35.28, -91.23]				
	03/15/13 08:40 CST		1K	Flood (due to Heavy Rain)
	03/18/13 10:30 CST		0	Source: River/Stream Gage
Heavy rain during the first half of the month fell on an already high Cache River. The Cache River at Patterson remained elevated from a wet first two months of the year. The additional rainfall in March pushed the Cache River at Patterson above flood stage for a few days in the middle of March.				
Heavy rain during the first half of the month caused minor flooding along the Cache River at Patterson.				
(AR-Z014) STONE, (AR-Z033) WHITE				
	03/16/13 08:30 CST		0	Wildfire
	03/16/13 19:30 CST		0	
Vegetation that was mostly dormant, gusty winds, and low humidities made conditions favorable for wildfires on the 16th. Two fires exceeded 100 acres. In White County, the White No. 1 Fire burned 150 acres 6 miles southwest of Searcy. In Stone County, the Iron Mountain Fire burned 123 acres 1 mile west of St. James.				
SALINE COUNTY --- BENTON [34.57, -92.58]				
	03/18/13 07:15 CST		0	Hail (0.75 in)
	03/18/13 07:15 CST		0	Source: Social Media
SALINE COUNTY --- EAST END [34.55, -92.35]				
	03/18/13 07:15 CST		0	Hail (0.75 in)
	03/18/13 07:15 CST		0	Source: Social Media
SALINE COUNTY --- 1.7 S NEW SUMMIT [34.61, -92.53]				
	03/18/13 07:25 CST		0	Hail (0.75 in)
	03/18/13 07:25 CST		0	Source: Department of Highways
Hail the size of pennies fell at Interstate 30 and Alcoa Rd.				
HOT SPRING COUNTY --- BISMARCK [34.32, -93.17]				

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	03/18/13 08:15 CST		0	Hail (0.75 in)
	03/18/13 08:15 CST		0	Source: Public

DREW COUNTY --- 1.9 SE MONTICELLO [33.61, -91.78]

03/18/13 11:31 CST	0	Hail (0.88 in)
03/18/13 11:31 CST	0	Source: Emergency Manager

Hail the size of nickels fell on Old Troy Rd.

DESHA COUNTY --- MC GEHEE [33.63, -91.40]

03/18/13 11:47 CST	0	Hail (1.00 in)
03/18/13 11:47 CST	0	Source: Law Enforcement

DESHA COUNTY --- 2.5 WSW ARKANSAS CITY [33.61, -91.24]

03/18/13 12:02 CST	0	Hail (1.00 in)
03/18/13 12:02 CST	0	Source: Law Enforcement

Hail the size of quarters fell on Arkansas 4.

Low pressure moved across Arkansas on the 18th, setting off thunderstorms in the cooler air to the north of a cold front. There were numerous reports of hail 1/4 to 1/2 inch in diameter in central and southern Arkansas. A few places received hail ranging in size from 3/4 to 1 inch in diameter.

(AR-Z052) PIKE

03/19/13 06:00 CST	0	Drought
03/31/13 23:59 CST	0	

Meager rainfall during the first part of March resulted in severe drought developing in part of Pike County.

(AR-Z052) PIKE

03/19/13 06:00 CST	0	Drought
03/31/13 23:59 CST	0	

Drought worsened slightly over the southwest part of Pike County soon after the middle of March.

(AR-Z006) FULTON

03/20/13 14:00 CST	0	Wildfire
03/20/13 20:00 CST	0	

Low humidities and gusty winds created conditions favorable for wildfires on the 20th. In Fulton County, the Gocio Fire burned 120 acres 1 mile west of Byron.

(AR-Z003) BOONE, (AR-Z004) MARION, (AR-Z012) NEWTON, (AR-Z013) SEARCY, (AR-Z014) STONE, (AR-Z016) INDEPENDENCE, (AR-Z021) JOHNSON, (AR-Z022) POPE, (AR-Z023) VAN BUREN, (AR-Z024) CLEBURNE, (AR-Z025) JACKSON, (AR-Z031) CONWAY, (AR-Z032) FAULKNER, (AR-Z033) WHITE, (AR-Z034) WOODRUFF

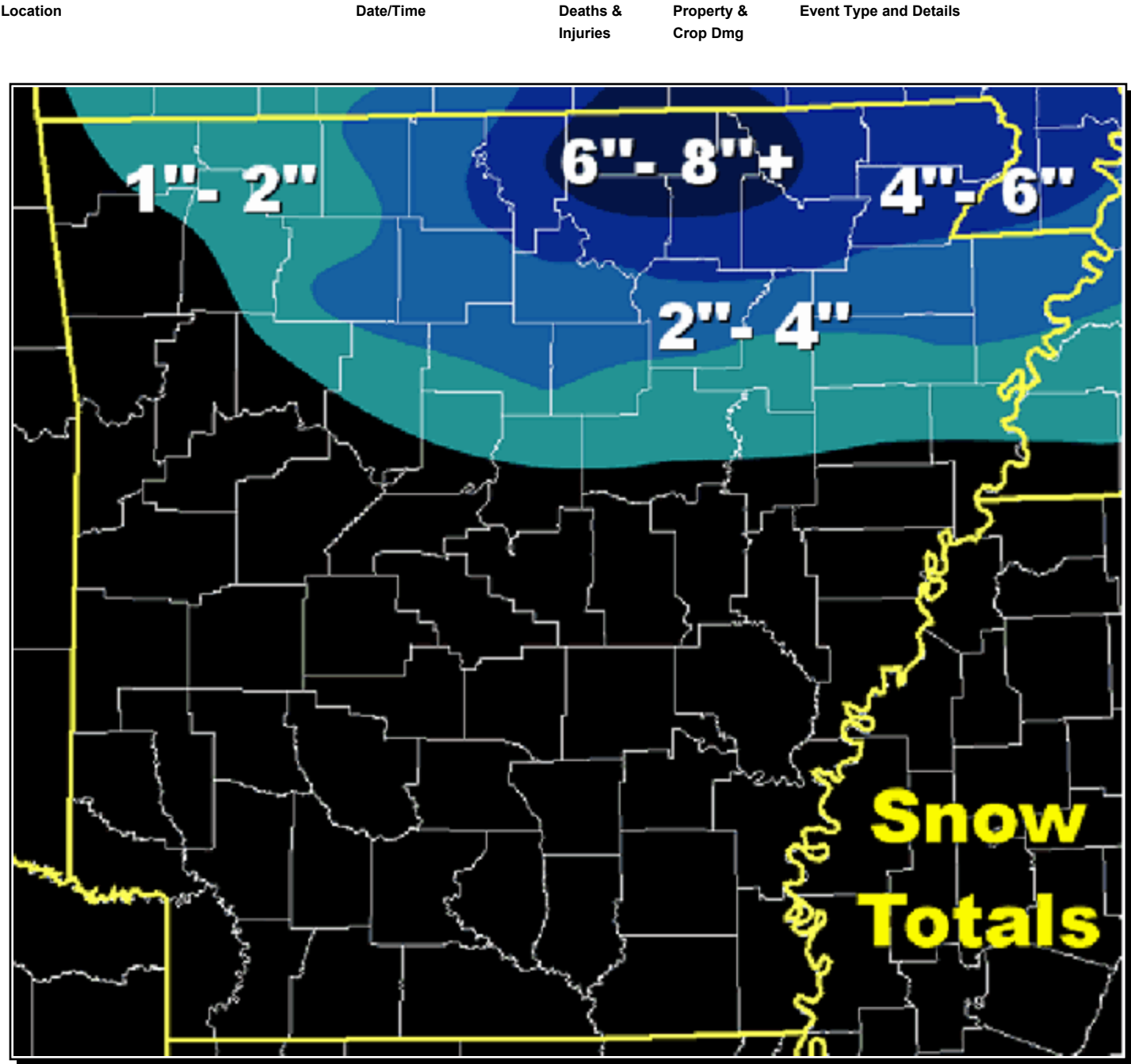
03/21/13 16:00 CST	0	Winter Weather
03/22/13 04:00 CST	0	

(AR-Z005) BAXTER, (AR-Z006) FULTON, (AR-Z007) SHARP, (AR-Z015) IZARD

03/21/13 16:00 CST	0	Winter Storm
03/22/13 05:00 CST	0	

Low pressure approaching from the west caused moisture from the Gulf of Mexico to ride up over cold air at ground level in Arkansas on the 21st. Central and southern Arkansas received mainly a cold rain, through some sleet was mixed in at times. The situation was much more complicated in northern Arkansas, where a relatively brief mixture of rain, sleet, and snow changed over to all snow during the evening of the 21st. A Winter Storm occurred in Baxter, Fulton, IZard, and Sharp counties, where snowfall totals exceeded 4 inches. In the area around Salem (Fulton Co.), amounts were in the 6 to 10 inch range. Mammoth Spring (Fulton Co.) measured 7 inches, while totals around Gassville (Baxter Co.), Hardy (Sharp Co.), and Melbourne (Izard Co.) reached 6 inches. In the Mountain Home area (Baxter Co.), totals were in the 4 to 6 inch range. Elsewhere across northern Arkansas, most snowfall totals ranged from 1 to 3 inches, except for a few greater amounts at the higher elevations. During the wee hours of the 22nd, most of the snow changed over to areas of freezing rain, but accumulations of ice were minimal. By dawn on the 22nd, most precipitation had changed to rain.

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Heavy snow fell across parts of northern Arkansas from the evening of March 21, 2013, into the pre-dawn hours of the 22nd. Graphic created by John Lewis, Senior Forecaster, WFO Little Rock.

(AR-Z003) BOONE, (AR-Z004) MARION, (AR-Z005) BAXTER, (AR-Z006) FULTON, (AR-Z007) SHARP, (AR-Z012) NEWTON, (AR-Z013) SEARCY, (AR-Z014) STONE, (AR-Z015) IZARD, (AR-Z016) INDEPENDENCE, (AR-Z021) JOHNSON, (AR-Z022) POPE, (AR-Z023) VAN BUREN, (AR-Z024) CLEBURNE, (AR-Z025) JACKSON, (AR-Z030) LOGAN, (AR-Z031) CONWAY, (AR-Z032) FAULKNER, (AR-Z033) WHITE, (AR-Z034) WOODRUFF, (AR-Z037) SCOTT, (AR-Z038) YELL, (AR-Z039) PERRY, (AR-Z040) POLK, (AR-Z041) MONTGOMERY, (AR-Z042) GARLAND, (AR-Z043) SALINE, (AR-Z044) PULASKI, (AR-Z045) LONOKE, (AR-Z046) PRAIRIE, (AR-Z047) MONROE, (AR-Z052) PIKE, (AR-Z053) CLARK, (AR-Z054) HOT SPRING, (AR-Z055) GRANT, (AR-Z056) JEFFERSON, (AR-Z057) ARKANSAS, (AR-Z062) DALLAS, (AR-Z063) CLEVELAND, (AR-Z064) LINCOLN, (AR-Z065) DESHA, (AR-Z066) OUACHITA, (AR-Z067) CALHOUN, (AR-Z068) BRADLEY, (AR-Z069) DREW				
	03/24/13 07:00 CST		1.23M	Strong Wind (MAX 41 kt)
	03/24/13 20:00 CST		0	

The difference in pressure between low pressure to the northeast of Arkansas and high pressure to the southwest of the state caused very windy conditions from the morning of the 24th into the evening hours. Many thousands of people lost electricity, but most of the outages were repaired by the middle of the evening on the 24th. Peak wind gusts at airport stations included 47 mph at Little Rock, 44 mph at Pine Bluff and Stuttgart, and 43 mph at Little Rock Air Force Base.

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JEFFERSON COUNTY --- PINE BLUFF [34.22, -92.02]				
	03/31/13 02:46 CST		0	Hail (0.88 in)
	03/31/13 02:46 CST		0	Source: Law Enforcement

A line of thunderstorms, associated with the arrival of a cold front, brought small hail to parts of central and southeast Arkansas during the pre-dawn hours of the 31st.